FIG. 1

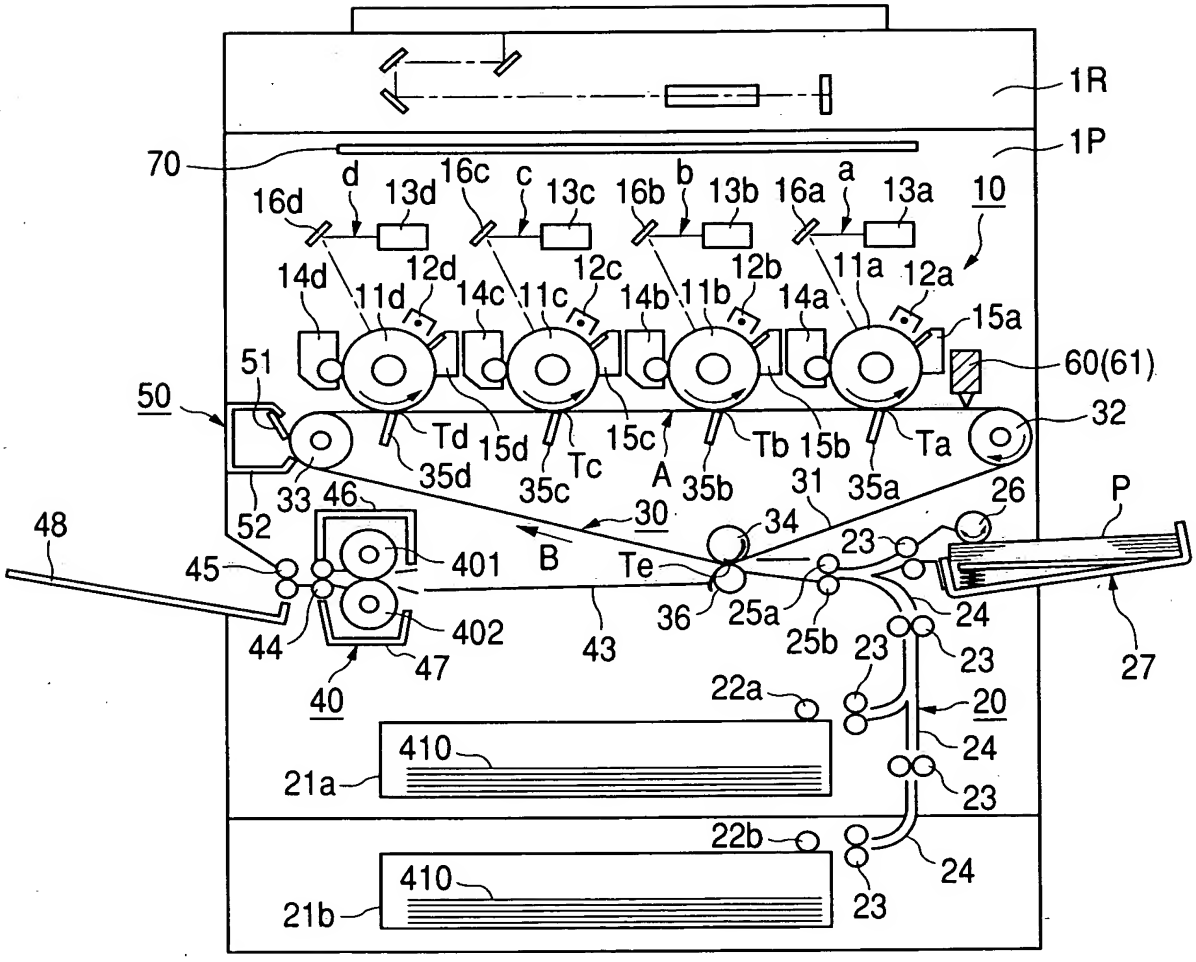

1R
1P
70
d
16c
c
16b
b
16a
a
10
16d
13d
13c
13b
13a
14d
11d
12d
14c
11c
12c
14b
11b
12b
14a
11a
12a
15a
60(61)
51
50
32
Td
15d
Tc
15c
A
Tb
15b
Ta
35d
35c
35b
35a
31
26
P
33
46
52
30
34
23
48
45
401
B
Te
24
36
25a
25b
23
44
402
43
27
47
40
22a
20
410
21a
24
22b
21b

FIG. 2

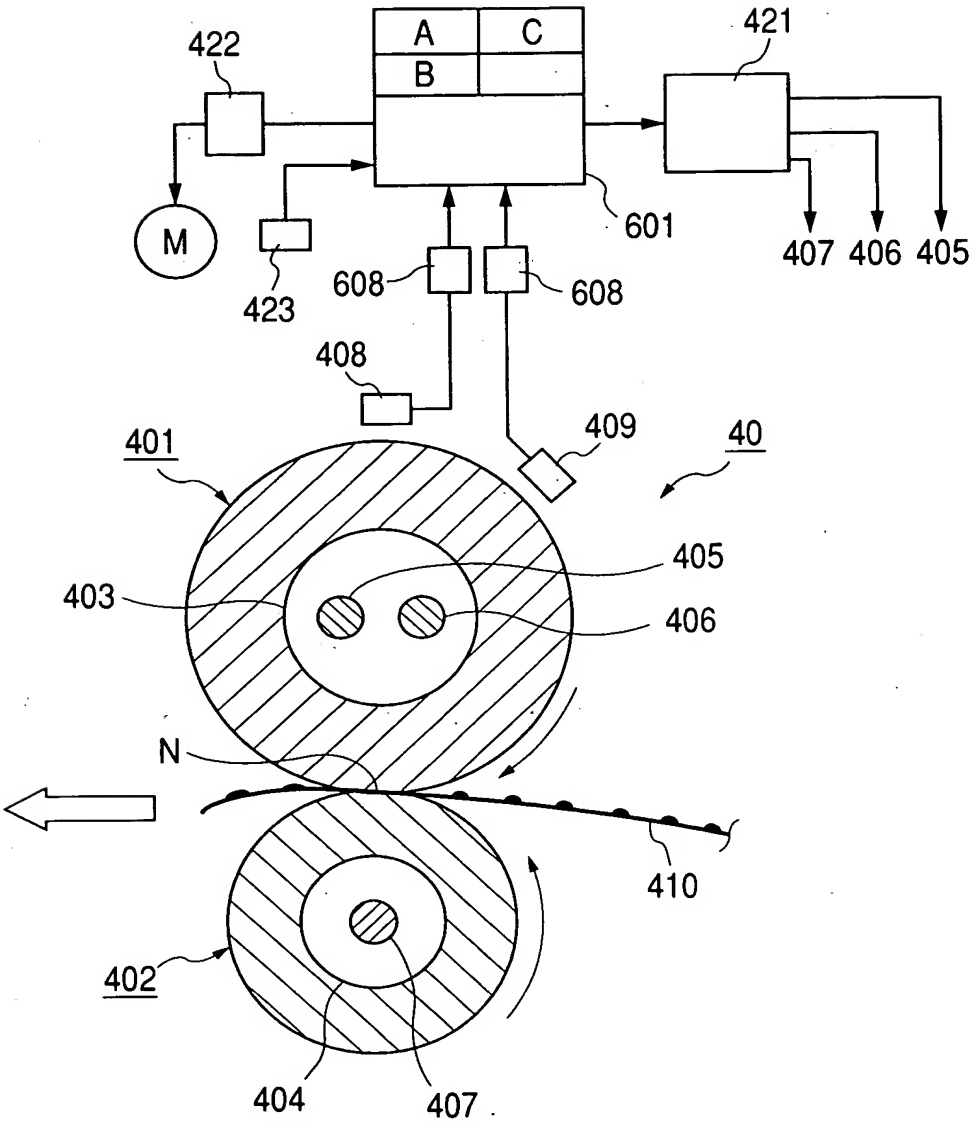

A
C
B
422
421
M
423
608
608
601
407 406 405
408
409
401
40
405
403
406
N
410
402
404
407

FIG. 3

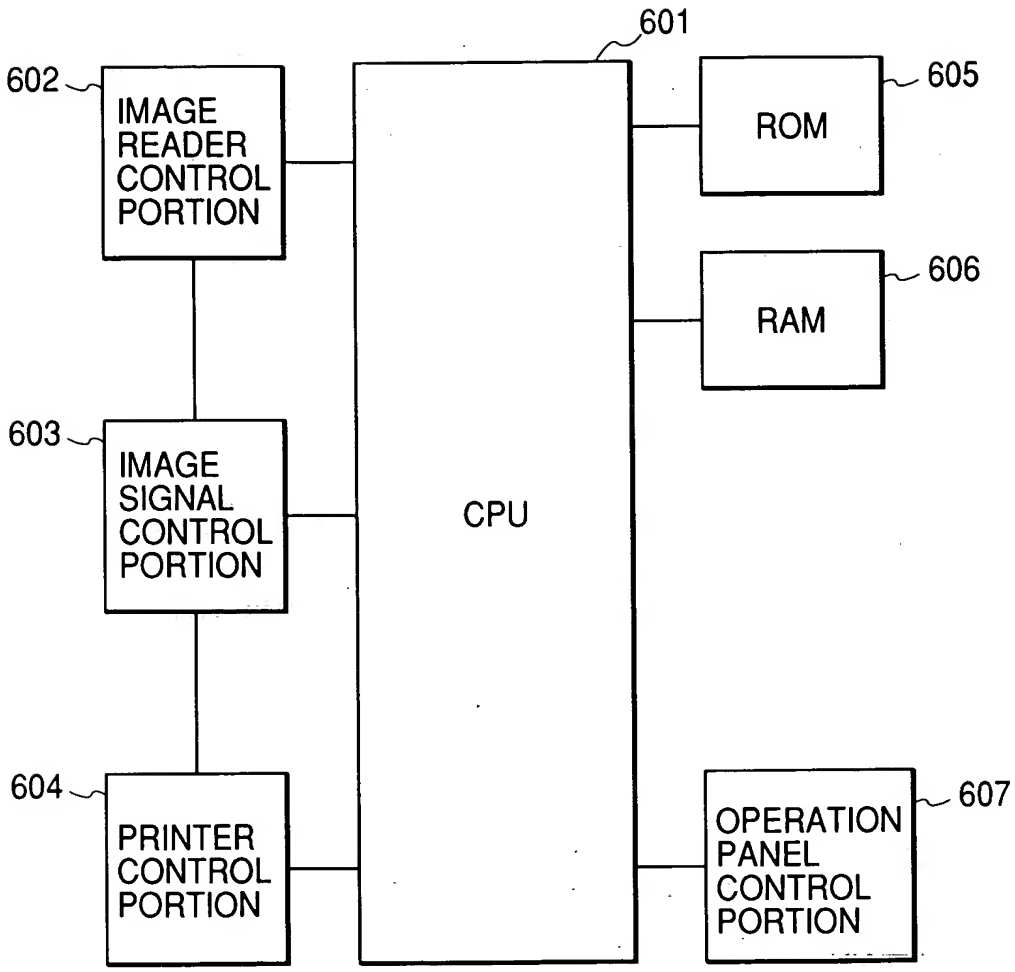

601
602
IMAGE READER CONTROL PORTION
605
ROM
606
RAM
603
IMAGE SIGNAL CONTROL PORTION
CPU
604
PRINTER CONTROL PORTION
607
OPERATION PANEL CONTROL PORTION

FIG. 4

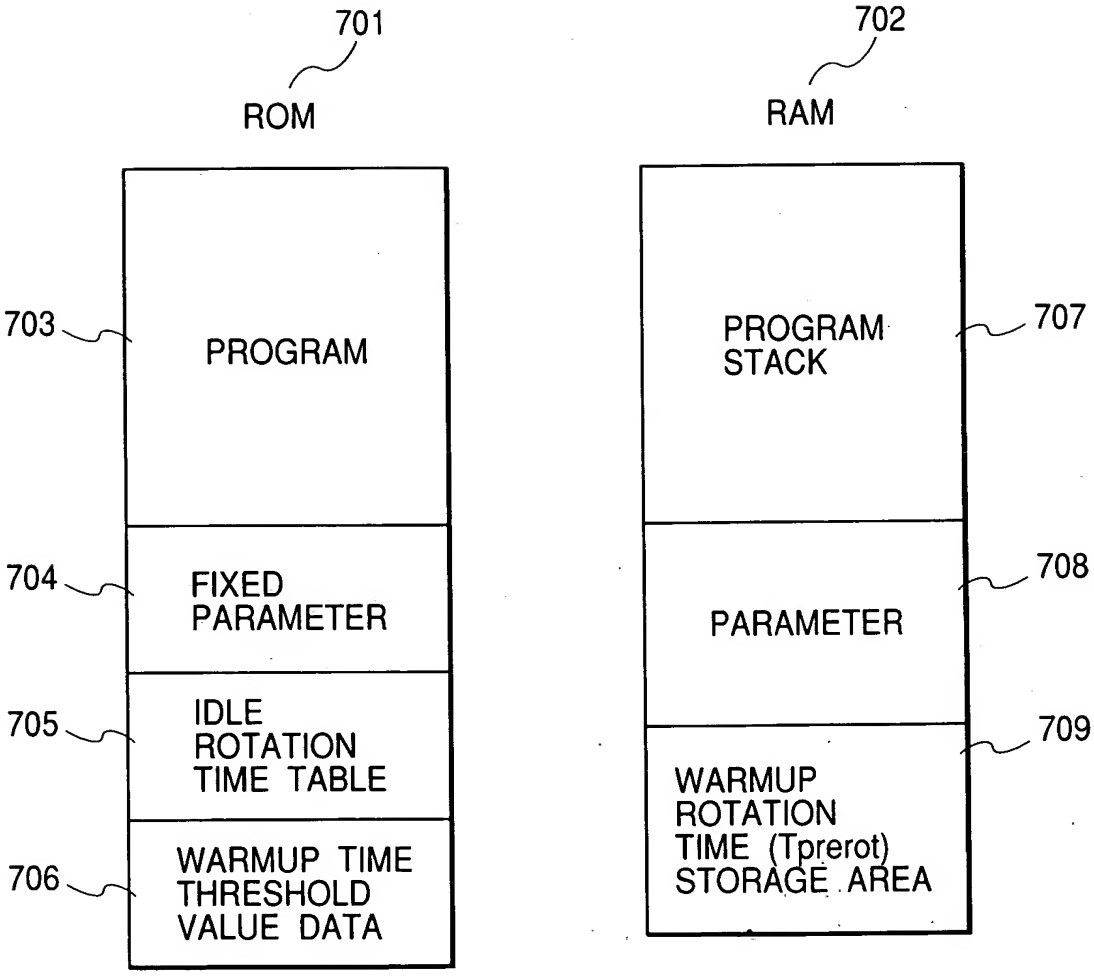

701
ROM
702
RAM
703
PROGRAM
704
FIXED PARAMETER
705
IDLE ROTATION TIME TABLE
706
WARMUP TIME THRESHOLD VALUE DATA
PROGRAM STACK
707
PARAMETER
708
WARMUP ROTATION TIME (Tprerot) STORAGE AREA
709

FIG. 5

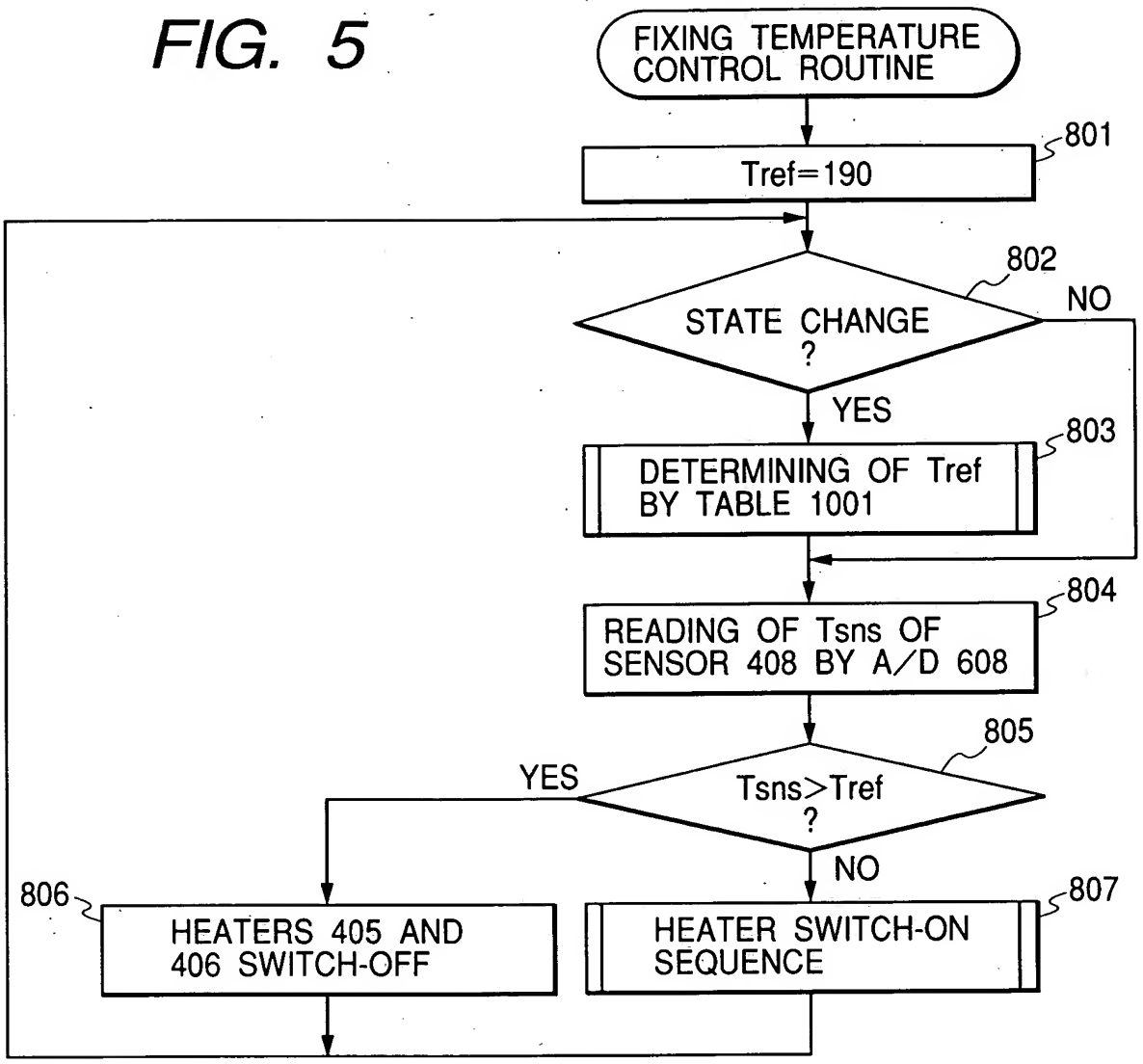


FIG. 6

901	WARMUP STATE	190
902	PRINT START STATE	193
903	PRINT FINISH STATE	190
904	EMERGENCY STOP STATE	0

FIG. 7

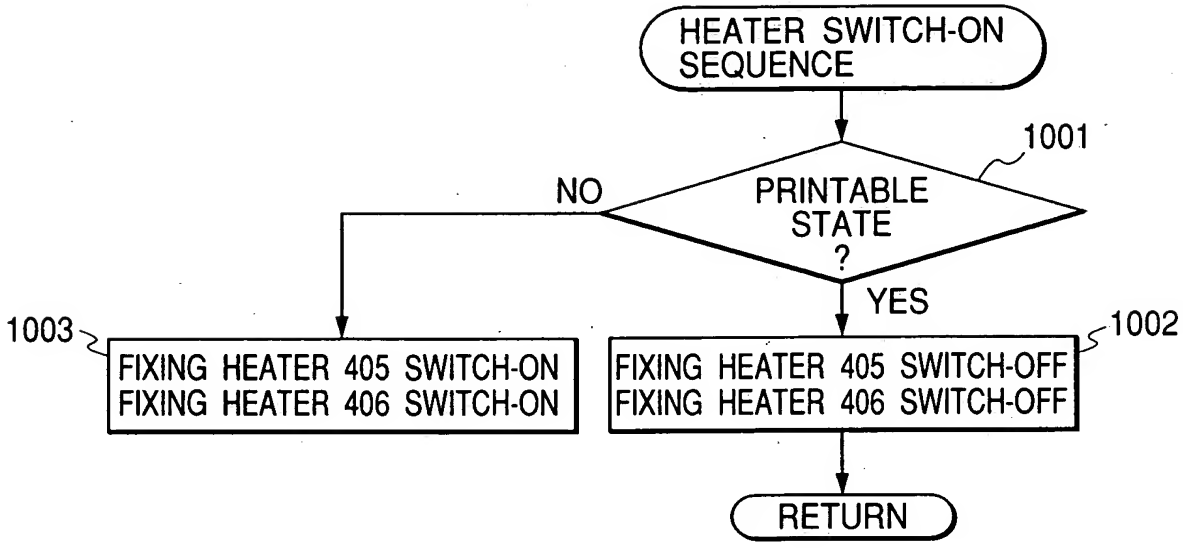

HEATER SWITCH-ON SEQUENCE
1001
PRINTABLE STATE ?
NO
YES
1003
FIXING HEATER 405 SWITCH-ON
FIXING HEATER 406 SWITCH-ON
1002
FIXING HEATER 405 SWITCH-OFF
FIXING HEATER 406 SWITCH-OFF
RETURN

FIG. 8

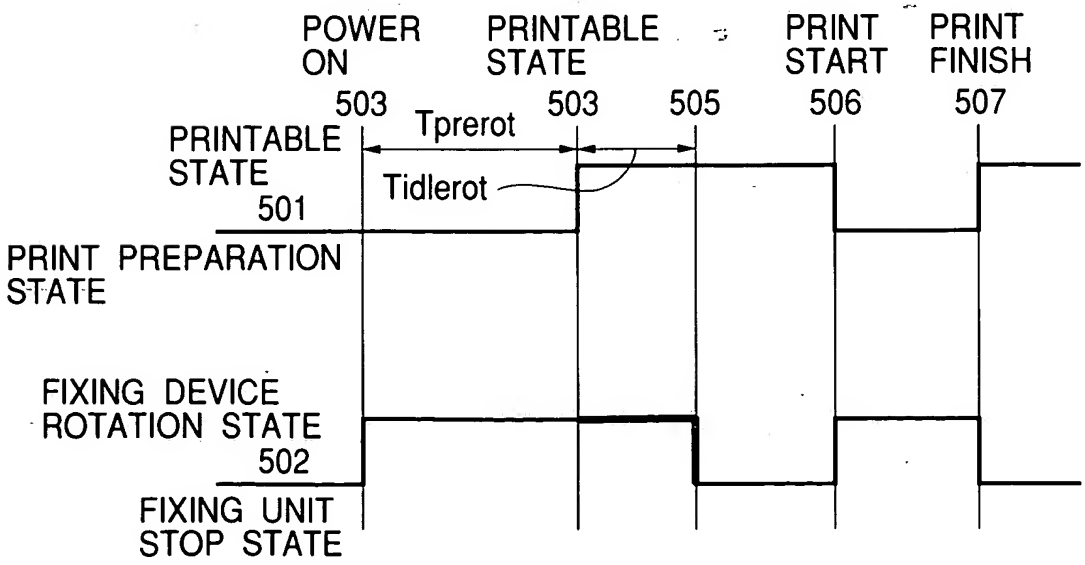

POWER ON
PRINTABLE STATE
PRINT START
PRINT FINISH
503
503
505
506
507
Tprerot
Tidlerot
PRINTABLE STATE
501
PRINT PREPARATION STATE
FIXING DEVICE ROTATION STATE
502
FIXING UNIT STOP STATE

FIG. 9

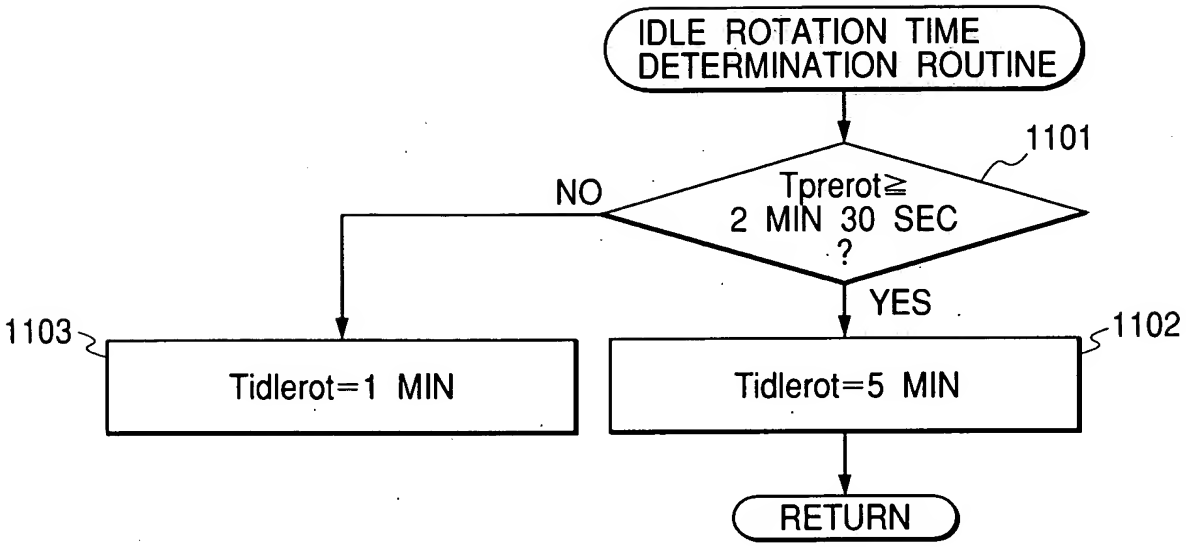

IDLE ROTATION TIME DETERMINATION ROUTINE
1101
Tprerot≧ 2 MIN 30 SEC ?
NO
YES
1103
Tidlerot=1 MIN
1102
Tidlerot=5 MIN
RETURN

FIG. 10

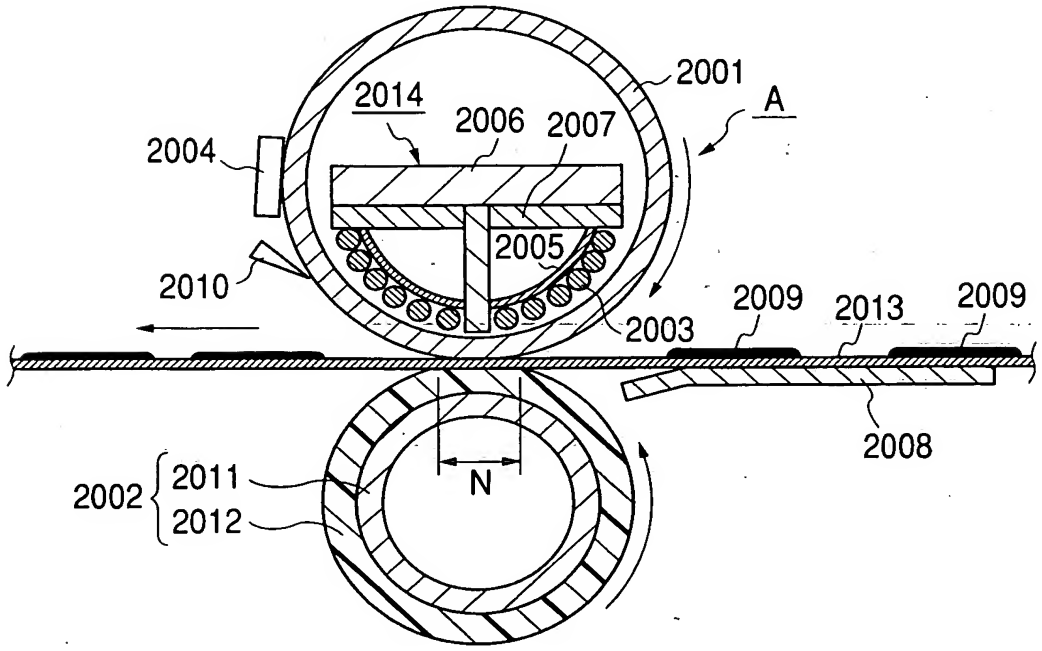

2001
A
2014
2006
2007
2004
2005
2010
2009
2013
2009
2003
2008
2002
2011
2012
N

FIG. 11

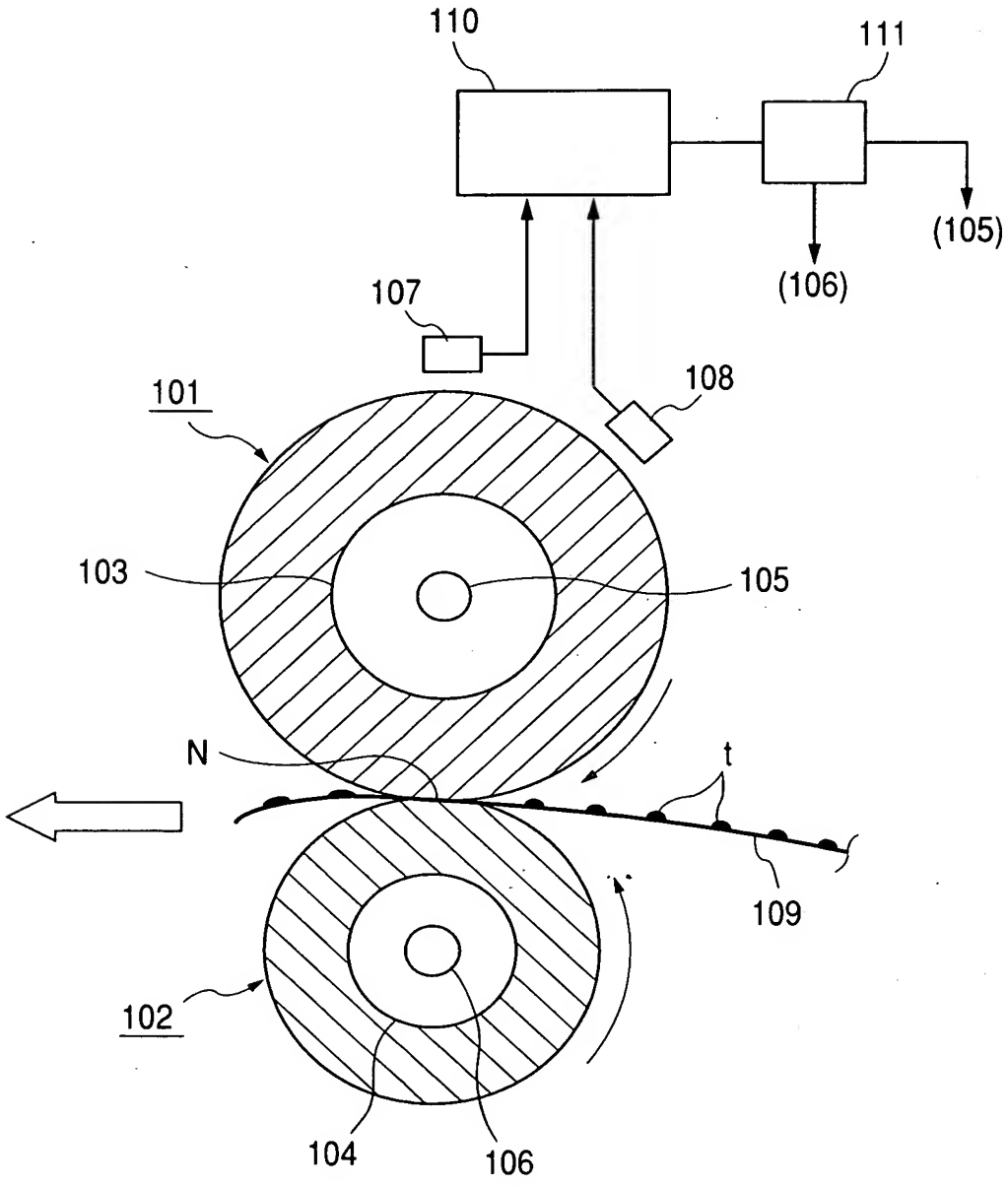
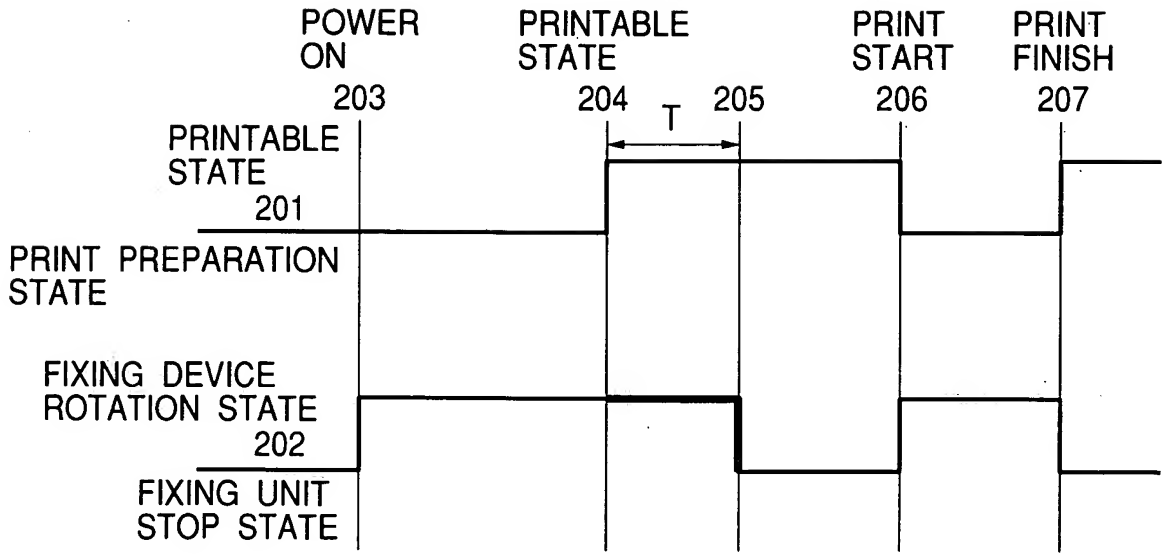


FIG. 12


POWER ON
203
PRINTABLE STATE
204
T
205
PRINT START
206
PRINT FINISH
207
PRINTABLE STATE
201
PRINT PREPARATION STATE
FIXING DEVICE ROTATION STATE
202
FIXING UNIT STOP STATE